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DIALOG(R) File 351:Derwent WPI
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AA- 2000-631187/200061|

XR- <XRAM> C00-189752|

TI- Oral enzyme formulation for reducing fat of human and livestock, comprises enzyme which forms diglyceride and/or monoglyceride by effecting triglycerides of food|

PA- AMANO PHARM KK (AMAN)|

NC- 001|

NP- 001|

PN- JP 2000226335 A 20000815 JP 99333076 A 19991124 200061 B|

AN- <LOCAL> JP 99333076 A 19991124|

AN- <PR> JP 98361943 A 19981204|

LA- JP 2000226335(7)|

AB- <PN> JP 2000226335 A|

AB- <NV> NOVELTY - An oral enzyme formulation comprises an enzyme which forms 1,3-diglyceride (1,3-DG) and/or 1-monoglyceride (1-MG) by effecting triglycerides (1,2,3-TG) of food.|

AB- <BASIC> DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following: (1) an oxygen containing food having the enzyme; and (2) method of administering the enzyme formulation orally.

ACTIVITY - Anorectic; Antilipemic. No test details are given in the specification.

MECHANISM OF ACTION - Inhibitor of fatty acid synthesis. Two groups of five healthy adults having certain degree of obesity were selected for clinical trials. One group was administered orally with 3 tablets of enzyme formulation containing lipase, for 3 months after each meal. The other group was administered with same quantity of lactose (as control) similarly. The body weight and fat rate of the adults of both group before and after (3 days) administering the enzyme were measured (before and after breakfast) and the mean value was calculated. The enzyme administered group showed reduced body fat rate, without significant increase in body weight, when compared to the control.

USE - For reducing internal organ fat of human and livestock.

ADVANTAGE - The formulation effectively reduces and maintains the body fat and/or internal organ fat of mammals in a normal eating habit.

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AB- <TF> TECHNOLOGY FOCUS - FOOD - Preferred Enzyme: The enzyme(s) is/are lipase or esterase obtained from microorganism such as Geotrichum candidum, Candida rugosa, Candida lipolytica, Pseudomonas sp., Aspergillus niger, Rhizopus oryzae, Rhizopus sp., Mucor javanicus, pig pancreas and/or Penicillium camembertii. Preferred Components: The oxygen containing food has fat and the amount of enzyme in the oxygen containing food is 50-100000 units/100 g of fat.|

DE- <TITLE TERMS> ORAL; ENZYME; FORMULATION; REDUCE; FAT; HUMAN; LIVESTOCK; COMPRISE; ENZYME; FORM; EFFECT; FOOD|

DC- B04; D13; D16|

IC- <MAIN> A61K-038/46|

IC- <ADDITIONAL> A23L-001/30; A61K-035/39; A61K-035/70; A61K-035/74;

A61K-038/43; A61P-003/06|

MC- <CPI> B04-F10; B04-L05A; B14-E12; B14-F06; D03-G; D03-H01T2; D05-C03C|

FS- CPI||